

To: Ackerman, Joyce[Ackerman.Joyce@epa.gov]; Wall, Dan[wall.dan@epa.gov]; Robinson, David[David.Robinson@WestonSolutions.com]; Blanchard, Mark R.[M.Blanchard@WestonSolutions.com]; Glabach, John[John.Glabach@WestonSolutions.com]; Houston, Maria[Houston.Maria@epa.gov]; Mills, Bethany[Mills.Bethany@epa.gov]
Cc: Romero, David[Romero.David@epa.gov]; Ostrander, David[Ostrander.David@epa.gov]; Foster, Althea[Foster.Althea@epa.gov]; Barry, Michael[Barry.Michael@epa.gov]; Pryhoda, Moira[Moira.Pryhoda@WestonSolutions.com]; Re-Telang, Becky[Becky.Re-Telang@WestonSolutions.com]; Janovec, Marilyn[Janovec.Marilyn@epa.gov]
From: Butterfield, W. Scott
Sent: Thur 9/24/2015 11:03:48 PM
Subject: RE: GKM SAP/QAPP Addendum 5 - GKM Mine Adit Sampling

Joyce,

I agree with you, this is totally unacceptable. I am in the process of finding out what happened. Weston will be prepared to conduct re-sampling for the parameters that failed holding times when the County collects their samples. There will be no charge to EPA for this activity including shipping and the analytical costs.

As requested we will also provide another set of sample containers.

I would like to point out that sampling that late in the day (after 5pm) will probably make it impossible to ship the samples overnight which will impact our ability to meet the 24 hour holding time for Hexavalent chromium.

I am very sorry for this misstep.

-Scott

W. Scott Butterfield, CHMM
Program Manager
Weston Solutions, Inc.
Suite 100
1435 Garrison Street
Lakewood, CO 80215
303.729.6113
720.557.0818 (cell)

-----Original Message-----

From: Ackerman, Joyce [mailto:Ackerman.Joyce@epa.gov]
Sent: Thursday, September 24, 2015 2:40 PM
To: Wall, Dan; Robinson, David; Butterfield, W. Scott; Blanchard, Mark R.; Glabach, John; Houston, Maria; Mills, Bethany
Cc: Romero, David; Ostrander, David; Foster, Althea; Barry, Michael; Pryhoda, Moira; Re-Telang, Becky; Janovec, Marilyn
Subject: RE: GKM SAP/QAPP Addendum 5 - GKM Mine Adit Sampling

To Weston - Dear Scott, Mark, Dave, and John - This sampling event was a very high priority to EPA, as communicated to you in my e-mail of 9/22/2015 (see below). According to Moira Pryhoda's e-mail on 9/23/2015 (not attached here), it appears START sent the water samples to the wrong laboratory. This is unacceptable and there is no corrective action that can be applied to this misstep.

I believe Weston Solutions should conduct the new sampling event at their own expense, and cover the new laboratory costs at their own expense. EPA will need documentation for this when the invoice is submitted for this period of performance.

If there is additional information that I am not aware of, please let me know. Please provide a response to

this e-mail.

Joyce Ackerman
On-Scene Coordinator and START P.O.
U.S. EPA Region 8
1595 Wynkoop Street
Denver, CO 80202
(303) 312-6822

-----Original Message-----

From: Wall, Dan
Sent: Thursday, September 24, 2015 2:23 PM
To: Ackerman, Joyce
Cc: Romero, David; Ostrander, David; Foster, Althea; Barry, Michael
Subject: FW: GKM SAP/QAPP Addendum 5 - GKM Mine Adit Sampling

Hi Joyce,
We received this from START. They are proceeding with the analysis of the samples anyway.

We would like to have START re-sample for the analytes that missed hold times (see below) when the county collects their samples. The county is currently scheduled to sample Tuesday or Wednesday of next week after 5 pm sometime.

As a contingency, we would like to have another full bottle set for the county in addition to bottles for the analytes that missed hold times below. I recommend they get moving on this ASAP in case the county changes their sample date.

Dan

-----Original Message-----

From: Pryhoda, Moira [mailto:Moira.Pryhoda@WestonSolutions.com]
Sent: Thursday, September 24, 2015 12:34 PM
To: Williams, Bryan; Romero, David; Wall, Dan; West, John; Robinson, David; Blanchard, Mark R.; Butterfield, W. Scott
Subject: RE: GKM SAP/QAPP Addendum 5 - GKM Mine Adit Sampling

Hi All,

Nitrate, Nitrite and Hexavalent Chromium samples were received outside of hold time. Nitrate and nitrite samples have a hold time of 48 hours. Hexavalent chromium samples have a hold time of 24 hours. How would you like to proceed?

Moira Pryhoda
Weston Solutions, Inc.
1435 Garrison St, Ste 100
Lakewood, CO 80215
Ph: 303-729-6112
Cell: 508-904-7579

-----Original Message-----

From: Pryhoda, Moira

Sent: Thursday, September 24, 2015 12:06 PM

To: 'Williams, Bryan' <BWilliams@TechLawInc.com>; Romero, David <Romero.David@epa.gov>; wall.dan@epa.gov; West, John <John.West@WestonSolutions.com>; Robinson, David <David.Robinson@WestonSolutions.com>; Blanchard, Mark R. <M.Blanchard@WestonSolutions.com>; Butterfield, W. Scott <W.S.Butterfield@WestonSolutions.com>
Subject: RE: GKM SAP/QAPP Addendum 5 - GKM Mine Adit Sampling

I'm just receiving lab receipt confirmation files now. Bryan is correct that the soil samples arrived yesterday morning in Savannah and the water samples arrived yesterday in Denver. Some samples have to transfer labs for specific analysis. I'm working on looking through the receipt confirmation files to see where the samples are currently.

Thanks,

Moira Pryhoda
Weston Solutions, Inc.
1435 Garrison St, Ste 100
Lakewood, CO 80215
Ph: 303-729-6112
Cell: 508-904-7579

-----Original Message-----

From: Williams, Bryan [mailto:BWilliams@TechLawInc.com]
Sent: Thursday, September 24, 2015 11:19 AM
To: Romero, David <Romero.David@epa.gov>; wall.dan@epa.gov; Pryhoda, Moira <Moira.Pryhoda@WestonSolutions.com>; West, John <John.West@WestonSolutions.com>; Robinson, David <David.Robinson@WestonSolutions.com>; Blanchard, Mark R. <M.Blanchard@WestonSolutions.com>; Butterfield, W. Scott <W.S.Butterfield@WestonSolutions.com>
Subject: RE: GKM SAP/QAPP Addendum 5 - GKM Mine Adit Sampling

The waters arrived in Savannah at 0939 hrs on the 23rd: the soils at 0908 hrs the 23rd in Arvada. I don't have the info on the analytical turns, but I expect Moira has the estimates at her end. We had notified Dave Romero yesterday morning of their arrival-in the future any information the field team has we'll pass on to you as well, Dan.

Bryan

From: Romero, David [Romero.David@epa.gov]
Sent: Thursday, September 24, 2015 11:10 AM
To: Williams, Bryan
Subject: FW: GKM SAP/QAPP Addendum 5 - GKM Mine Adit Sampling

Bryon ... see below but I think this has already happened.

David Romero
Emergency Response Program
US EPA Region 8
Off: 303.312.6572

From: Wall, Dan
Sent: Thursday, September 24, 2015 11:07 AM
To: Butterfield, W. Scott; Robinson, David; Blanchard, Mark R.; Moira.Pryhoda@WestonSolutions.com
Cc: Romero, David; Ackerman, Joyce
Subject: RE: GKM SAP/QAPP Addendum 5 - GKM Mine Adit Sampling

Hi All

Can someone please let me know when ALL bottles have arrived successfully at the lab that will be performing the analysis? We are wanting to give the "back-up" set of bottles to the county when we are assured that our bottles arrived safely.

Thanks
Dan Wall, PhD
Ecotoxicologist
Ecosystems Protection and Remediation
U.S. EPA Region 8 (8EPR-S)
1595 Wynkoop Street
Denver, CO 80202-1129

Office: (303) 312-6560
Cell: (303)-253-1659
FAX: (303) 312-7517

From: Ackerman, Joyce
Sent: Tuesday, September 22, 2015 11:36 AM
To: Butterfield, W. Scott; Robinson, David; Blanchard, Mark R.
Cc: Wall, Dan; Romero, David
Subject: FW: GKM SAP/QAPP Addendum 5 - GKM Mine Adit Sampling

Dear Scott, Dave, and Mark - Please make this a priority and micro-manage it to ensure that these timeframes are met. Please provide feedback at each "junction" so that the field team knows the status of receiving preliminary results and validated results. Thanks!

Joyce Ackerman
On-Scene Coordinator and START P.O.
U.S. EPA Region 8
1595 Wynkoop Street
Denver, CO 80202
(303) 312-6822

From: Wall, Dan
Sent: Tuesday, September 22, 2015 11:29 AM
To: Romero, David
Cc: Blanchard, Mark R.;
w.s.butterfield@westonsolutions.com<mailto:w.s.butterfield@westonsolutions.com>; Robinson, David;
West, John; Ackerman, Joyce; Pryhoda, Moira; Quiet, Natalie; Foster, Althea; Barry, Michael;
bwilliams@techlawinc.com<mailto:bwilliams@techlawinc.com>; Kappelman, David
Subject: RE: GKM SAP/QAPP Addendum 5 - GKM Mine Adit Sampling

Dave,
Can you make sure START is clear on how EPA wants the mine sample results handled;

- EPA will be notified immediately when the samples are at the lab that will analyze them-intact.
- EPA is awaiting minimum turn around times for these analyses.
- All analyses will be done with the minimum turn around time.
- Data validation will be for prioritized above all other samples awaiting validation.
- Validated results will be sent to EPA as soon as they are available.

Thank You

Dan

From: Wall, Dan
Sent: Tuesday, September 22, 2015 9:50 AM
To: Romero, David
Cc: Blanchard, Mark R.;
w.s.butterfield@westonsolutions.com<mailto:w.s.butterfield@westonsolutions.com>; Robinson, David;
West, John; Ackerman, Joyce; Pryhoda, Moira; Quiet, Natalie; Foster, Althea
Subject: RE: GKM SAP/QAPP Addendum 5 - GKM Mine Adit Sampling

Dave
I have not received this information. Have you?

From: Romero, David
Sent: Sunday, September 20, 2015 5:45 PM
To: Wall, Dan
Cc: Blanchard, Mark R.;
w.s.butterfield@westonsolutions.com<mailto:w.s.butterfield@westonsolutions.com>; Robinson, David;
West, John; Ackerman, Joyce; Pryhoda, Moira; Quiet, Natalie; Foster, Althea
Subject: Re: GKM SAP/QAPP Addendum 5 - GKM Mine Adit Sampling

I concur...please make this happen

Sent from my iPhone

On Sep 20, 2015, at 5:37 PM, Wall, Dan <wall.dan@epa.gov<mailto:wall.dan@epa.gov>> wrote:
It has come to my attention that this is a high priority and we need this information ASAP.
Thank you

From: Wall, Dan
Sent: Sunday, September 20, 2015 2:55 PM
To: 'Blanchard, Mark R.'; Romero, David
Cc: Ackerman, Joyce; West, John; Robinson, David; Pryhoda, Moira; Quiet, Natalie; Foster, Althea;
Steven Way
Subject: RE: GKM SAP/QAPP Addendum 5 - GKM Mine Adit Sampling

Hi Mark and everyone
As of this moment, it is my understanding that we will be collecting the sample without the county being present on Monday the 21st.

Althea would like to know about turn around times for these analyses. We would like these analyzed samples as fast as possible, but would also like to deliver a complete data package. When can we expect to receive all the results?

Thank You
Dan Wall, PhD
Ecotoxicologist
Ecosystems Protection and Remediation
U.S. EPA Region 8 (8EPR-S)
1595 Wynkoop Street
Denver, CO 80202-1129

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Cell: (303)-253-1659

FAX: (303) 312-7517

From: Blanchard, Mark R. [mailto:M.Blanchard@WestonSolutions.com]
Sent: Saturday, September 19, 2015 5:06 PM
To: Wall, Dan; Romero, David
Cc: Ackerman, Joyce; West, John; Robinson, David; Pryhoda, Moira; Quiet, Natalie
Subject: GKM SAP/QAPP Addendum 5 - GKM Mine Adit Sampling

Dan and David,

Please find attached Addendum 5 to the SAP/QAPP for the Gold King Mine release response. This addendum addresses the collection of surface water and sediment from the Gold King Mine adit to be conducted in coordination with La Plata County. Also included is the collection of a dry shotcrete sample per the request of the County.

Thanks,
Mark

Mark Blanchard
m.blanchard@westonsolutions.com<mailto:m.blanchard@westonsolutions.com>

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